

A schematic diagram of a two-stage pump system. The diagram shows a horizontal flow from left to right. On the left, an inlet pipe with an arrow pointing right is labeled '1'. This pipe enters a vertical rectangular component labeled '2'. From the right side of component '2', a horizontal pipe leads to a second vertical rectangular component labeled '5'. Above component '2', a vertical pipe leads to a small rectangular component labeled '4'. From the top of component '4', a horizontal pipe leads to the top of component '5'. From the right side of component '5', a horizontal pipe leads to a third vertical rectangular component labeled '6'. From the bottom of component '6', a vertical pipe leads to a fourth vertical rectangular component labeled '7'. From the right side of component '7', a horizontal pipe leads to a final vertical rectangular component labeled '10'. An outlet pipe with an arrow pointing right exits from the right side of component '10'.

A schematic diagram of a mechanical assembly, likely a pump or valve mechanism. The diagram includes the following numbered components:

- 1**: An inlet pipe with an arrow pointing into the assembly.
- 2**: A vertical component, possibly a valve or actuator, connected to the inlet pipe.
- 5**: A horizontal component, possibly a piston or plunger, connected to the vertical component.
- 6**: A large rectangular component, possibly a cylinder or chamber, connected to the horizontal component.
- 7**: A vertical component, possibly a valve or actuator, connected to the large rectangular component.
- 9**: A small rectangular component, possibly a valve or actuator, connected to the vertical component 2.
- 11**: An outlet pipe with an arrow pointing out of the assembly.

FIG.4

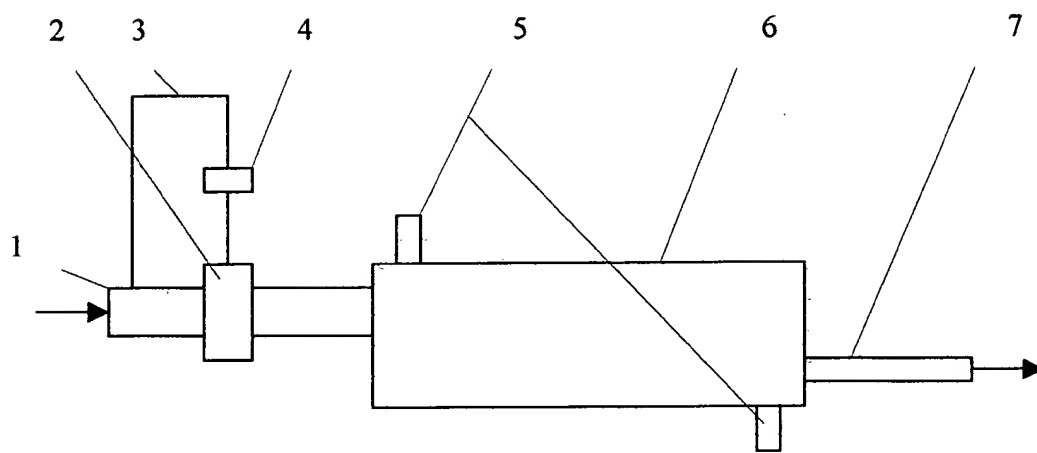


FIG.1

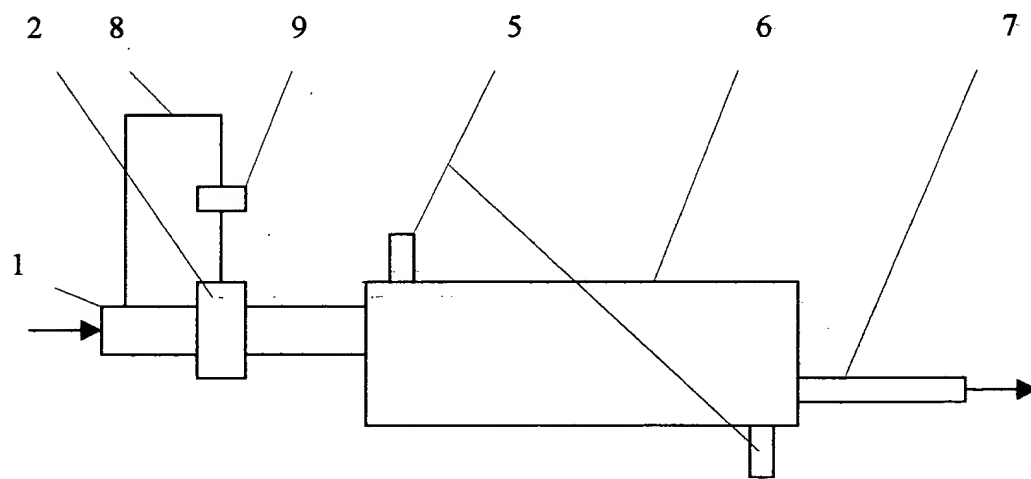


FIG.2